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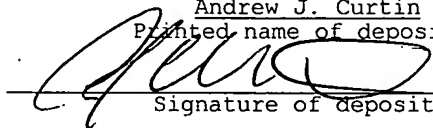
## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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\* \* \*

## TRANSMITTAL LETTER

The Commissioner of Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**ATTN: Mail Stop Patent Applications**

Sir:

Transmitted herewith for filing is the patent application  
of: Lexing Xie, Ajay Divakaran, and Shih-Fu Chang.

FOR: UNSUPERVISED LEARNING OF VIDEO STRUCTURES IN VIDEOS USING  
HEIRARCHICAL STATISTICAL MODELS TO DETECT EVENTS

Enclosed are:

- [32] pages of specification, claims and abstract
- [3] sheets of formal drawings
- [X] Declaration and Power of Attorney
- [ ] Assignment of the application
- [ ] Information Disclosure Statement

16834 U.S. PTO  
10/734451

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The filing fee is calculated as follows:

	CLAIMS AS FILED			
	NUMBER	NUMBER	LARGE	
	FILED	EXTRA	ENTITY	AMOUNT
Basic Fee				\$ 770.00
Total Claims	7	-20 =	x 18.00	\$ .00
Independent				
Claims	1	-3 =	\$80.00	\$ .00
Assignment				
Recording Fee			40.00	\$ 40.00
Multiple Dependent Claim				
Fee			270.00	
Other				
			TOTAL FEE	\$ 770.00

- [X] Please record the accompanying Assignment.
- [X] Please charge Deposit Account No. 50-0749 in the amount of \$ 770.00 for filing fees.
- [ ] Check in the amount of \_\_\_\_\_ for Filing Fee.
- [X] The Assistant Commissioner for Patents is hereby authorized to charge any additional fees due or credit any overpayment to Deposit Account No. 50-0749.

All future correspondence should be addressed to:

Patent Department  
Mitsubishi Electric Research Laboratories, Inc.  
201 Broadway  
Cambridge, Massachusetts 02139

Duplicate copies of this letter are enclosed.

Respectfully submitted,  
MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC.

By: 

Andrew J. Curtin  
Reg. No.: 48,485  
Attorney for Assignee

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